

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/651,049
				Filing Date	August 29, 2003
				First Named Inventor	Richard A. Gontin
				Art Unit	2877
				Examiner Name	Detschel, Marissa
Sheet	1	of	2	Attorney Docket Number	1857.2080000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
mjd	US1	5,486,950	01/1996	Collinge	
mjd	US2	5,641,593	06/1997	Watanabe <i>et al.</i>	
mjd	US3	5,958,629	09/1999	Yan <i>et al.</i>	
mjd	US4	6,057,082	05/2000	Korth	
mjd	US5	6,072,631	06/2000	Guenther <i>et al.</i>	
mjd	US6	6,163,405	12/2000	Chang <i>et al.</i>	
mjd	US7	6,392,792 B1	05/2002	Naulleau	
mjd	US8	6,506,526 B2	01/2003	Stivers <i>et al.</i>	
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mjd	US10	2001/0051304 A1	12/2001	Stivers <i>et al.</i>	
mjd	US11	2003/0081316 A1	05/2003	Goldberg <i>et al.</i>	
mjd	US12	US 2002-0122162 A1	9/2002	Nakauchi <i>et al.</i>	
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mjd	US14	5,715,039	02/1998	Fukuda <i>et al.</i>	
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mjd	US18	6,573,997	06/2003	Goldberg <i>et al.</i>	
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
mjd	FP1	EP 1 106 972 A1	06/2001	Henshaw	
mjd	FP2	EP 1 197 803 A2 & A3	04/2002	Van Elp <i>et al.</i>	
mjd	FP3	EP 1 237 041 A2 & A3	09/2002	Subhash <i>et al.</i>	
mjd	FP4	JP 2000-266914	09/2000	Toshitaka	
mjd	FP5	EP 1 231 514 A1	08/2002	ASML Netherlands B.V.	
	FP6				
	FP7				
	FP8				
	FP9				

Examiner Signature	<i>Marissa Detschel</i>	Date Considered	9-27-05
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MJS MJS	US21	4,413,909	11-08-1993	Pohle	
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	US40				

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	FP10					
	FP11					
	FP12					
	FP13					
	FP14					
	FP15					
	FP16					
	FP17					
	FP18					

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
mjd	NPL1	Bjorkholm, J. E., "EUV Lithography - The Successor to Optical Lithography?", Intel Technology Journal Q3'98, 1998, pp. 1-8.	
mjd	NPL2	Goldberg, K.A., <i>et al.</i> , "Extreme ultraviolet interferometry: at-wavelength testing of optics for lithography," The Advanced Light Source, 1998, at http://www-als.lbl.gov/als/compendium/AbstractManager/uploads/ACF4B6D.pdf , 4 pages.	
mjd	NPL3	Goldberg, K.A., <i>et al.</i> , "Extreme ultraviolet interferometry: measuring EUV optical systems with sub-Å accuracy," The Advanced Light Source, 2001, at http://www-als.lbl.gov/als/compendium/AbstractManager/uploads/01125.pdf , 3 pages.	
mjd	NPL4	Kolb, R., "EUV Lithography Making Possible Next Generation of Semiconductors," Sciencebeat [online], June 5, 2001, at http://www.lbl.gov/Science-Articles/Archive/euv_milestone.html (visited January 12, 2003), 4 pages.	
mjd	NPL5	Lee, S. H., <i>High Accuracy EUV Interferometry</i> , at http://buffy.eecs.berkeley.edu/IRO/Summary/99abstracts/shlee.1.html (visited January 12, 2003), 1 page.	
mjd	NPL6	Mansuripur, M., "The Ronchi Test," MM Research, Inc., at http://www.mmresearch.com/articles/article1 (visited January 9, 2003), 12 pages (also published in <i>Optics & Photonics News</i> , July 1997, pp.42-46).	
mjd	NPL7	<i>Measurement Science in the Extreme Ultraviolet: Testing Advance Optics for Printing Integrated Circuits</i> , at http://www.als.lbl.gov/als/actrep/FileH.pdf (visited January 12, 2003), 2 pages.	
mjd	NPL8	Naulleau, P. P., <i>et al.</i> , "Fabrication of high-efficiency multilayer-coated binary blazed gratings in the EUV regime," <i>Optics Communications</i> , Vol. 200, December 15, 2001, Elsevier Science B.V., pp. 27-34.	
mjd	NPL9	Wyant, J. C., "White Light Extended Source Shearing Interferometer," <i>Applied Optics</i> , Vol. 13, No. 1, January 1974, pp. 200-202.	
mjd	NPL10	Search Report from the European Patent Office for European Patent Application No. 04000512.6-2217, mailed January 3, 2005 (3 pages).	

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mgd	NPL11	Search Report from the Danish Patent and Trademark Office for Singapore Patent Application No. 200400112-9, mailed August 20, 2004 (7 pages).	
mgd	NPL12	English-language abstract for Japanese Patent Application No. 2000-266914, published September 29, 2000, from www.espacenet.com, 1 page.	
mgd	NPL13	Copy of the Search Report for Singapore Application No. 200400111-1, issued on June 5, 2004.	
	NPL14		
	NPL15		
	NPL16		
	NPL17		
	NPL18		
	NPL19		
	NPL20		

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